Book Notice

S. Inderjit (ed.). 2005. **Invasive Plants: Ecological and Agricultural Aspects.** (ISBN 3-7643-7137-4; 978-3-7643-7137-1, hbk.). Birkhauser Verlag, P.O. Box 133, CH-4010 Basel, SWITZERLAND. (**Orders:** Springer, 333 Meadowlands Parkway, Secaucus, NJ 07094, U.S.A.; 800-SPRINGER; fax 201-348-4505; www.springer.com). $159.00, 283 pp., illustrations, 6 1/2" × 9 1/4".

A set of studies toward understanding the biology of invasive species, comprising 17 papers written by an international group of invasions biologists. The chapter titles give a good view of the content.

* In search of an operational lexicon for biological invasions.
* The ecology of biological invasions: past, present, and future.
* Ecological niche models and the geography of biological invasions: a review and a novel application.
* Importance of species replication in understanding plant invasions into North American grasslands
* Residence time determines the distribution of alien plants
* The relationship between community diversity and exotic plants: cause or consequence of invasion?
* Invasive plants: the process within wetland ecosystems.
* Understanding invasions: the rise and fall of diffuse knapweed (*Centaurea diffusa*) in North America.
* Defining a regional approach for invasive plant research and management.
* Allelopathy as a mechanism for resisting invasion: the case of *Polygonella myriophylla*.
* Ecology and management of an exotic weed *Phalaris minor*.
* Reducing agroecosystem vulnerability to weed invasion.
* Tillage intensity affects weed communities in agroecosystems.
* Distribution and biological control of *Chromolaena odorata*.
* Biology and anthropology of plant invasions.
* Characters, significance, and human dimension of global invasive weeds.
* Environmental consequences and economic costs of alien species.

—*Guy Nesom, Botanical Research Institute of Texas, 509 Pecan Street, Fort Worth, TX 76102-4068, U.S.A.*